

Amendments to the Abstract:

Please substitute the new Abstract of the Disclosure submitted herewith on a separate page for the original Abstract presently in the application.

Abstract of the Disclosure

A semitrailer train ~~comprising a towing vehicle (2), a semitrailer (3) and a fifthwheel (4) which has~~ having a coupling part (5) ~~which is assigned to the towing vehicle (2) and a coupling part (5) which is assigned to the semitrailer, (3) which have the purpose of forming a mechanical connection between the towing vehicle (2) and semitrailer (3), a~~ A control device (10) for controlling components (9) of the semitrailer (3) ~~being is~~ is provided in the towing vehicle (2) ~~and the semitrailer (3) having data lines (17) for transmitting~~ transmit the control data and power supply lines (16) ~~for supplying power to the components. The (9), the coupling part which is assigned to the towing vehicle is (2) being a fifthwheel pickup plate (5) and the coupling part which is assigned to the semitrailer (3) being embodied as is a kingpin (6) which matches said coupling part. An alternating voltage generator arrangement in the vehicle provides a modulated for generating a carrier signal is provided in the towing vehicle (2), a signal modulator modulates the control data onto the carrier signal, and a transformer coil (7) is arranged in the fifthwheel pickup plate (5) of the towing vehicle (2) in order to transmit the carrier signal with the control data modulated onto it to a transformer coil (7, 8) in the region of the kingpin (6) of the semitrailer (3), a demodulator (15) in the semitrailer (3) separating the total signal transmitted by inductive coupling into an energy carrying power supply voltage and the control data, and the power supply voltage being provided for supplying power to a component (9) in the semitrailer (3).~~

(Fig. 1)

Abstract of the Disclosure

A semitrailer train having a coupling part assigned to the towing vehicle and a coupling part assigned to the semitrailer. A control device for controlling components of the semitrailer is provided in the towing vehicle data lines transmit the control data and power supply lines to the components. The coupling part assigned to the towing vehicle is a fifthwheel pickup plate and the coupling part assigned to the semitrailer is a kingpin which matches said coupling part. An alternating voltage generator arrangement in the vehicle provides a modulated carrier signal and a transformer coil is arranged in the fifthwheel pickup plate of the towing vehicle in order to transmit the carrier signal with the control data modulated onto it to a transformer coil in the region of the kingpin of the semitrailer .